



Collaborative Validation.
Reliable Solutions.
Complete Confidence.

Accelerate Your Server Sales with Intel®
Enabled Server Acceleration Alliance.



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Validated Server Solutions Backed by Industry Leaders

When you choose a validated server solution backed by the Intel® Enabled Server Acceleration Alliance (Intel® ESAA), you choose a solution that delivers the highest standards for quality and interoperability.

Through this collaborative alliance, select local server vendors and Intel Corporation have teamed with other industry leaders to provide you with a broad array of server solutions to best fit your business needs. Choosing validated server solutions backed by these industry leaders let you move quickly to deployment and implementation while avoiding the usual interoperability issues and costly troubleshooting headaches. With these significant efficiencies, you can focus on critical business applications, not your server.

To ensure that your server solution delivers the confidence and peace of mind that comes only with validated solutions, choose a server vendor backed by Intel ESAA. To locate a local server vendor who offers seamless, high-quality solutions made possible through this collaborative alliance, visit www.intel.com/go/esaa.

Database Solutions

Attain High Performance, Availability, and Scalability in a Database Solution

IT professionals are under immense pressure to increase the quality of service to their users, while reducing capital and operational costs. To face these significant challenges, you need database solutions that will allow you to optimize system uptime, boost productivity, and control costs. Through the Intel® Enabled Server Acceleration Alliance (Intel® ESAA), select local vendors are able to offer world-class, Intel®-based server solutions. These database installations can enable higher

availability and scalability, increased automation and manageability, and integrated security as part of a total solution. Intel ESAA database solutions are available on Linux* or Microsoft* Windows* operating systems.

Proven Performance for Demanding Applications

Select from a range of server solutions powered by Dual-Core Intel® Xeon® processors for proven dependability and performance for both 32- and 64-bit applications. These server solutions are ideal for a broad range of applications for general-purpose IT infrastructure.

Choose a server solution powered by the Dual-Core Intel® Itanium® 2 processor 9000 series for your most demanding, business-critical computing needs. These server solutions offer greater choice and mainframe-class reliability at a lower cost than proprietary infrastructure.

Exceptional Data Protection in a Powerful, Economical Storage Solution

Many of these servers also offer storage options to protect your business by keeping critical data available and safe at all times. You get all the benefits of networked storage—reduced cost and complexity, automation, and advanced data protection—in a powerful and economical solution.

Virtualization Solutions

Server Virtualization Goes Mainstream

Server virtualization is transforming the way IT organizations provision and manage their systems and applications, helping them consolidate their infrastructure, optimize utilization, reduce total costs, and improve business agility. Server virtualization lets you turn a single physical server into 10, 20, 30, or more logical servers (called “virtual machines”), with the ability to flexibly manage diverse hardware and software resources. You can run different operating systems and multiple applications on each of these virtual machines, and control them all with a single software interface, without ever touching your server.

Server virtualization can allow you to improve utilization from 10–15 percent to up to 80 percent with dramatic effects on total cost of ownership. As well, by consolidating dozens of applications onto a single server, you can save space in your data center by reducing the number of servers needed to do the same work. Server virtualization also lets you migrate legacy applications without modification of virtual partitions and host multiple test environments and multiple iterations of each software stack on a single platform.



With Intel-based virtualization solutions, you can protect your business against digital attacks or software conflicts by logically isolating each operating system and application stack. You can also quickly allocate and reallocate server capacity to the applications that need it based on your unique business and IT requirements, reducing the amount of over-provisioning required for handling peak loads. Virtual machines can be deployed in a matter of minutes, and capacity can be adjusted almost instantly as workloads evolve.

From consolidation to disaster recovery, local vendors who team with Intel ESAA can offer you state-of-the-art server solutions that feature virtualization software to help boost your IT efficiency and reliability. These server solutions give your business the power to evolve in manageable ways with the built-in standards, stability, and scalability your infrastructure requires.

Simplified Server Management Solutions

Decrease downtime with integrated, comprehensive management solutions.

Small to medium-sized businesses are faced with a multitude of IT challenges that they may not have the in-house capacity to address, such as inventory management, security issues, and diagnostics and

recovery. Integrated, comprehensive management solutions can significantly help decrease downtime by monitoring computing nodes, like servers and client PCs, and providing proactive notification of potential problems. Until recently, such manageability solutions were more commonly used for high-end servers and blades and had limited availability.

With the Intel ESAA program, local vendors are now equipped to deliver a new model for system and network manageability services. Intel-based server solutions that include Intel® Active Server Management and Intel® Active Management Technology¹ and third-party management and security applications provide remote management capabilities that include protection from viruses, proactive notification, and asset management tracking and inventory.

Intel-based simplified management solutions provide benefits such as Out-of-Band (OOB) system access, remote troubleshooting and recovery, proactive alerting, remote hardware and software asset tracking, and third-party nonvolatile storage. What's more, your business can implement and maintain these solutions without consuming in-house resources.

High-Performance Computing (HPC) Solutions

Powerful, Scalable, and Affordable HPC Solutions

High-performance computing (HPC) is where the largest and most complex computing challenges are tackled and solved. HPC powers a wide range of applications, using large shared-memory systems, clusters and grids. Intel's HPC building blocks form a comprehensive foundation for validated solutions that optimize performance, energy efficiency, cost-effectiveness, network management, security and reliability.

The Dual-Core Intel Xeon processor enables HPC users to improve density through industry-leading performance, memory capacity, and energy efficiency for powerful, robust HPC server clusters. Highly scalable and ideal for compute-intensive workloads, the Dual-Core Intel Xeon processor offers seamless support for 64-bit and 32-bit software to help organizations deploy solutions quickly and successfully.

The Intel Itanium 2 processor is optimized for the most data-intensive computing environments, providing scalability, reliability and solutions choice not offered by proprietary RISC architectures. With up to one petabyte of physical memory, the Itanium 2 processor offers mainframe-class reliability for HPC workloads at a fraction of the cost of proprietary architecture-based systems and mainframes.

High-Performance Switching Systems for the HPC User

Select Intel ESAA server solutions feature InfiniBand* networking systems that let you easily network Intel-based servers into a powerful HPC cluster. These clusters can be quickly constructed to match the performance requirements of your applications—today and tomorrow—with a range of flexible bandwidth options up to 20 Gb/s. This switching family performs superbly in both small and large clusters, due to superior switching design, low latency, high bandwidth, and efficient routing capabilities.

Communications Solutions

Capitalize on the Power of Real-Time Data and Voice Messaging Solutions

In the face of the explosive growth of Internet communications, businesses and organizations confront increasing pressure to optimize their

¹ Intel® Active Management Technology (Intel® AMT) requires that the platform have an Intel® AMT-enabled chipset, network hardware and software, connection with a power source, and a network connection.

communications and overcome cost and security issues, as well as a proliferation of new technologies and standards. Legacy communications are quickly being replaced by technologies such as IM, email, VoIP, Video over IP, SIP-based PBX, and conferencing servers. These businesses and organizations need a complete, high-performance Internet communications solution that is standardized for true interoperability.

Local server vendors who team with Intel ESAA are able to offer world-class server solutions, powered by Dual-Core Intel Xeon or Intel Itanium 2 processors, that enable exceptional real-time Internet communications available on both Linux and Microsoft Windows operating systems. These software solutions provide security, reliability, scalability, and a wide range of integrated services, with ease of deployment and maintenance. Intel ESAA solutions can support applications from email and calendaring to instant messaging, VoIP, video, and application sharing, on one proven, reliable platform.

Backup Solutions

Protect Your Data with Server Solutions that Deliver Rapid Backup, Recovery, and Archival

IT professionals face the daily challenges of managing increasing amounts of data while staying within budget and managing risk. New applications, regulations, and legislation require that you back up, protect, and easily access more data than ever before. New compliance burdens demand that data be retained for longer periods. With limited internal resources to rely on, you need streamlined, reliable, and cost-effective storage processes that are easy to maintain.

Through Intel ESAA, select local vendors are able to deliver state-of-the-art server solutions, powered

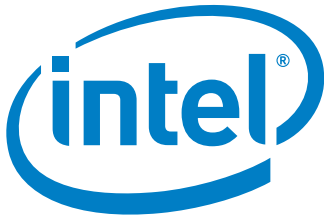
by Dual-Core Intel Xeon or Itanium 2 processors that feature scalable, affordable backup, recovery, and archival solutions to allow you to quickly and confidently protect your critical data. These backup, recovery, and archival solutions range from tape libraries to disk-based backup systems. Tape libraries deliver high performance, availability, and scalability, while disk-based backup systems prove an ideal complement by allowing the tape libraries to focus on archive operations for disaster recovery and regulatory compliance. Both offer exceptional investment protection with the ability to grow with your business needs. These solutions make it possible for you to backup, restore, and archive critical data more quickly and frequently—resulting in greater backup confidence and overall data protection.

Storage Solutions

Deliver Exceptional Data Protection and Scalability

High-availability, high-capacity applications require a delicate blend of power and flexibility. Embedded systems, complex networking solutions, and other I/O-intensive applications demand a storage solution that delivers generous throughput rates and data protection for high availability server environments.

Through the Intel ESAA program, a range of storage solutions are available that meet the growing IT challenges of a wide range of businesses. These storage solutions can help scale system capacity and performance, simplify management in complex environments, and deliver increasing levels of protection for critical applications and data.



Open Source Solutions

Freedom of choice, flexibility, and continuous functional refinement

The promise of open source software development carries with it a simple premise. When programmers can read, redistribute, and modify the source code for a piece of software, the software evolves, which can occur much more quickly and produce better software than with the conventional software development model. As well, the benefits of open source software development bring new challenges such as commercial support, licensing, security, viability and training. While the idea of open source software promises an easier balance between the production of quality software and the reduction of development costs, potential users need solutions to face the challenges that open source infrastructures bring.

The Intel ESAA program enables world-class server solutions to help you capitalize on this promise. Server solutions powered by Intel Xeon or Intel Itanium 2 processors can address your needs for an application server, web server and/or database server. Each business-ready stack is thoroughly integrated, tested and validated to provide you with speedy deployment and exceptional reliability. Intel ESAA open source solutions are fully tested and certified, can be installed in minutes with an integrated installer, are horizontally and vertically

scalable, and have enterprise-class maintenance and support available. Look for Intel ESAA to provide dependable, high-performance and cost-effective open source infrastructure solutions that meet a variety of business needs.

Security Solutions

New protection in the face of new threats

Many businesses have seen an upsurge in targeted attacks by hackers. Software programs that use stealth techniques and target attacks at a single computer with vital information are the newest form of threat. To protect systems against these security issues, an intelligent layer of protection must be set up in every system connected to the Internet, be it a corporate workstation or a home PC. This means a system that can analyze what is happening on a computer and detect dangerous behavior, stopping it before it is too late.

Thanks to the Intel ESAA program, security protection for corporate networks can be made possible through installation of single solution that includes all the technologies needed to protect against a variety of Internet threats, both known and new. These security solutions can be rapidly administered from a centralized location. Powered by world-class Intel Xeon or Intel Itanium 2 processors, these security solutions provide optimized functioning of all computers throughout the enterprise.

To find out more about validated server solutions, or to locate a local vendor through the Intel® Enabled Server Acceleration Alliance, visit: www.intel.com/go/esaa

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